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(71)Applicant : MITSUBISHI YUKA BADISCHE CO
LTD
SENSHIYUU STREAM:KK

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(72)Inventor : KATO NAOYUKI
ICHIHASHI KENZO

(54) PRODUCTION OF CARPET

(57)Abstract:

PURPOSE: To provide the light carpet having excellent flexible and shrinkage resistance by laminating a front base material for the carpet coated with a water emulsion coating material of a resin on the layer of a packing material compsn. contg. inorg. cement power in the water emulsion of a resin and curing and drying this laminate by heating the laminate.

CONSTITUTION: The layer of the packing material compsn. is obtd. by incorporating 160 to 360 pts.wt. hydraulic inorg. cement powder and 160 to 460 pts.wt. non-hydraulic inorg. powder per 100 pts.wt. resin solid content into the water emulsion of the resin having 5 to 50° C glass transition temperature. The front base material for the carpet coated with the water emulsion coating material of the resin having -10 to 30° C glass transition temperature is then superposed thereon via the surface coated with the coating material prior to curing and drying of the packing material compsn. This laminate is cured and dried by heating at 85 to 135° C. Calcium carbonate, silica sand, etc., are used for the non-hydraulic inorg. powder. The cured layer of the packing material compsn. is formed of the foam by steam and is, therefore, light in density and is excellent in cushion property.

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